ROI Analysis with LVis

The ROI Analysis in Detail – Mathematics

Gross ROI Counts

Net ROI counts & count rates

Uncertainty of the net area

Efficiency

Relative Uncertainty of the efficiency

Nuclide & method specific calibration factor

Relative uncertainty of the nuclide & method specific calibration factor

Activity

Uncertainty of the activity

Critical Level (Detection Threshold)

Detection Limit

Setup of a NaI Detector for ROI Analysis in LVis

Configuring the digiBase with MCB Properties and Maestro

Installing LVis & configuring the detector

Configuring a new detector in LVis

Defining the QA Settings for a new ROI detector

Defining ROIs

Calibrating the Detector for ROI Analysis

From: